

REMARKS

In the Office Action, the Examiner restricted the claims. Claims 39-41 have been cancelled based on the restriction requirement, but may be pursued in a divisional application.

Claims 1, 3, 7, 15, 18, 26-28 and 30 were rejected pursuant to 35 U.S.C. § 102(e) as being anticipated by Paschen et al. (U.S. Patent No. 6,549,164). Claims 1-3, 6, 9, 15-17 and 25-29 were rejected pursuant to 35 U.S.C. § 102(e) as being anticipated by Wang et al. (U.S. Patent No. 6,784,831). Claims 1, 3, 14-17 and 25-26 were rejected pursuant to 35 U.S.C. § 102(b) as being anticipated by Shimura (U.S. Patent No. 5,936,576). Claim 37 was allowed. Claims 4-5, 8, 10-13, 19-24 and 31-36 were objected to as being allowable if amended into independent form. Applicants respectfully request reconsideration of the rejections of the claims, including independent claims 1, 6, 15, 17, 27 and 29.

Independent claims 4 and 13 are allowable dependent claims amended to include the limitations of the base claim.

Independent claim 1 recites a GPS receiver having a plurality of primary filters and a fewer number of secondary filters. The cited references which are prior art do not disclose these limitations.

Paschen et al. disclose a steerable beam antenna system (Col. 1, lines 7-15). The antenna system is for phase array operation, such as self-steered phased arrays (Col. 2, line 66 – Col. 3, line 4 and Col. 4, lines 23-27). A separate position sensor allows use of two apertures on a ship or aircraft (Col. 8, lines 16-23). Paschen et al. disclose a steerable array for broadband use, but do not disclose a GPS receiver having the primary and secondary filters.

Shimura discloses an amplitude and phase measuring device (Col. 1, lines 7-10). The device is used to find the direction of arrival of a radio wave or to identify an unwanted radiation source (Col. 1, lines 12-18). Shimura do not disclose a GPS receiver having the primary and secondary filters.

Wang et al. is not prior art. Wang et al. was filed May 5, 2003, has no claim to an earlier priority date, and issued August 31, 2004. The above-captioned application was filed February 27, 2004, but claims priority to an International Application filed on November 19, 2002. The above-captioned application is a continuation of the parent International Application. The parent International Application supports the claims pursuant to section 112. The earliest filing date of Wang et al. (May 5, 2003) is after a claimed priority date (November 19, 2002) of an application supporting the current claims. The claims are allowable since Wang et al. is not prior art.

Independent claim 15 recites antennas operable to receive GPS RF signals and RF sections operable to obtain signals from the GPS RF signals. Paschen et al. and Shimura do not disclose GPS RF signals. Wang et al. is not prior art. Claim 15 is allowable.

Independent claim 27 recites obtaining information from GPS RF signals. Claim 27 is allowable for the same reasons as claim 15.

Impendent claim 37 was previously allowed. Independent claims 4 and 13 are allowable dependent claims amended into independent form.

The dependent claims are each allowable for the same reasons as the independent claim from which they depend. Further limitations may patentably distinguish from the cited prior art, but are not currently detailed for brevity.

Independent claims 6, 17 and 29 recite L1 as one frequency and L2 or L5 as another frequency. The prior art does not suggest operation at these frequencies.

CONCLUSION:

Applicants respectfully submit that all of the pending claims are in condition for allowance and seeks early allowance thereof. If for any reason, the Examiner is unable to allow the application, he is respectfully requested to call the undersigned at (312) 321-4726 for a telephone interview.

Respectfully submitted,



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